



**Pro Audio
Germany**

sound from **germany.**



SX SERIES



1u class d amplifiers

ELECTRONICS

The new SX Series

POWER TO YOUR SOUND SYSTEM!



Reliable even under hard touring and stage conditions the SX Series will drive your speaker with pure sound and less distortions. Very low noise temperature-controlled fans make this state of art amplifier series suitable for touring and fixed installations. Powerful up to 4 x 4600 Watt or 2 x 9000 @ 2 Ohm the SX series offer enough power even for huge subwoofer cluster. The digital controlled SMPS power supply offers stable working conditions and high efficiency even under weak or unstable mains supplies. Compact and with a depth of 402mm (486mm) the 1U high case weighs only 8,4 Kg (12Kg). All connectors are original Neutrik. Powercon for the mains connection, NL4 Speakon for the speaker outputs and XLR for the input signals. At the backside are dip switches to select the working mode and input sensitivity. The front panel is equipped with a power switch and multi-function LED rings.

SX-2CH

2 channel class d amplifier 1u

technical data

Model Name	SX-25000	SX-27000	SX-29000
GS1 (EAN) CODE	4260318511858	4260318512992	4260318513005
System Type	2 channel class D amplifier		
Output Power all channels driven 20Hz - 20 kHz, 0.1 % THD	2 x 6000W @ 2Ohm 2 x 4300W @ 4Ohm 2 x 2600W @ 8Ohm	2 x 7600W @ 2Ohm 2 x 6500W @ 4Ohm 2 x 3500W @ 8Ohm	2 x 9000W @ 2Ohm 2 x 8400W @ 4Ohm 2 x 4500W @ 8Ohm
Output Power Bridge mode	- - -	2 x 1600W @ 4Ohm 2 x 1300W @ 8Ohm 2 x 7000W @16Ohm	2 x 1800W @ 4Ohm 2 x 1680W @ 8Ohm 2 x 9000W @16Ohm
THD+N @ 8Ω 1kHz,1dB	≤0.05%		
Slew Rate	>30v/μs		
Frequency Response @1Watt, 8 Ohm	10Hz -20kHz / ±0.35dB		
Damping Factor (@100Hz)	>5000		
Signal to Noise Ratio 20Hz -20 kHz	>99dB		
Channel Separation Crosstalk@1kHz	>70dB		
Voltage Gain	45.4dB (0,775V:144V)	46.7dB (0,775V:168V)	47.6dB (0,775V:186V)
Input Sensitivity	selectable 0.775V/1V/1.4V/2V		
Input Impedance	20k Ohm Balanced, 10k Ohm Unbalanced		
Front Control	Power switch, Gain control		
Rear Control	Sensitivity Switch, Mode Switch		
LED Indicators	Signal VU Meter, Protect, Parallel, (Bridge SX-27000 and SX-29000)		
Input Connectors	XLR Active balanced (pin1 gnd / pin 2+ / pin3-)		
Output Connectors	2 Neutrik® NL4 Sockets, (2 Binding Posts SX-25000)		
Cooling	Low Noise Continuously Variable speed fan		
Protection	On/Off muting, DC fault power, Supply shutdown		
Operating Voltage	230V (+/- 10%), 50-60Hz USA Version 110V (+/- 10%), 50-60Hz	PFC 100V-240V, 50-60Hz	
Idle Power Consumption	< 165W	< 280W	< 320W
Max. Power Consumption	< 5000W	< 8900W	< 11000W
Fuse	T-30A	2xT-30A	
Dimensions (h/w/d)	19"/1U 483W x 402D x 44H	19"/1U, 483W x 486D x 44H	
Net weight	8.4 Kg	12 kg	

SX-4CH

4 channel class d amplifier 1u

technical data

Model Name	SX-44000	SX-46000	SX-48000
GS1 (EAN) CODE	4260318512022	4260318511865	4260318513012
System Type	4 channel class D amplifier		
Output Power all channels driven 20Hz - 20 kHz, 0.1 % THD	4 x 2700W @ 2Ohm 4 x 1830W @ 4Ohm 4 x 1100W @ 8Ohm	4 x 3800W @ 2Ohm 4 x 2700W @ 4Ohm 4 x 1600W @ 8Ohm	4 x 4600W @ 2Ohm 4 x 3650W @ 4Ohm 4 x 2000W @ 8Ohm
Output Power Bridge mode	2 x 5000W @ 4Ohm 2 x 3660W @ 8Ohm 2 x 3200W @16Ohm	2 x 7600W @ 4Ohm 2 x 5400W @ 8Ohm 2 x 3200W @16Ohm	2 x 920W @ 4Ohm 2 x 7300W @ 8Ohm 2 x 4000W @16Ohm
THD+N @ 8Ω 1kHz,1dB	≤0.05%		
Slew Rate	>30v/μs		
Frequency Response @1Watt, 8 Ohm	10Hz -20kHz / ±0.35dB		
Damping Factor (@100Hz)	>3000		
Signal to Noise Ratio 20Hz -20 kHz	>99dB		
Channel Separation Crosstalk@1kHz	>70dB		
Voltage Gain	41,7dB (0,775V:94V)	43,3dB (0,775V:113V)	44,3dB (0,775V:127V)
Input Sensitivity	selectable 0.775V/1V/1.4V/2V		
Input Impedance	20k Ohm Balanced, 10k Ohm Unbalanced		
Front Control	Power switch, Gain control		
Rear Control	Sensitivity Switch, Mode Switch		
LED Indicators	Signal VU Meter, Protect, Parallel, Bridge		
Input Connectors	XLR Active balanced (pin1 gnd / pin 2+ / pin3-)		
Output Connectors	4 Neutrik® NL4 Sockets		
Cooling	Low Noise Continuously Variable speed fan		
Protection	On/Off muting, DC fault power, Supply shutdown		
Operating Voltage	230V (+/- 10%), 50-60Hz USA Version 110V (+/- 10%), 50-60Hz	230V (+/- 10%), 50-60Hz USA Version 110V (+/- 10%), 50-60Hz	PFC 100V-240V, 50-60Hz
Idle Power Consumption	< 130W	< 155W	< 265W
Max. Power Consumption	< 6000W	< 6000W	< 8500W
Fuse	T-25A	T-30A	2xT-30A
Dimensions (h/w/d)	19"/1U 483W x 402D x 44H		19"/1U, 483W x 486D x 44H
Net weight	8.2 Kg	8,4 kg	12 kg



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